

## PUB 401

Polyurethane-Bitumen Based, Two Component, Joint Sealant

### Description

**PUB 401** is a polyurethane-bitumen based, two component, self-levelling, cold applicable dilatation and joint sealant material.

### Fields of Application

It is applied on horizontal dynamic dilatations and joints for water impermeability and filling.

### Features and Benefits

- It is elastic.
- It keeps its elasticity between -20°C and +120°C.
- It is cold applicable product. Provides easy and fast application.
- It is durable against abrasion and aged.
- It has excellent mechanical and chemical resistance.
- It is self levelling.
- Excellent adhesion on the applied surfaces.

### Technical Data

Content	Polyurethane – Bitumen Based
Color	Black
Mixture Density	1,30 g/cm <sup>3</sup>
Solid Content	98%
Elasticity	Min. % 450
Flash Point	>40°C (ASTM D93)
Shore A Hardness	35±5
Application Temperature	+40°C to +86°C
Shock Temperature Resistance	+120°C
Pot Life	20-30 minutes
Drying Time	
<i>Touch drying</i>	6 hours
<i>Full curing</i>	24 hours
HS Code	3214.10.10.00.12

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### Application Procedure

#### **Preparation of Substrate**

The surface must be dry and clean before application. All joints before filling shall be carefully cleaned by metal brushing or sanding. The dust should be removed by pressured air. **PUB 401** causes foaming when applied on moist surfaces.

#### **Application Method**

Component A and B is mixed under low speed mixer until homogenous mixture obtained. Mixture must be used within 30 minutes. Otherwise gelling occurs and it cannot be recovered. **PUB 401** must be used only on horizontal joints. The application surface should be protected from water minimum 6 - 8 hours.

### Consumption

1,30 kg/lt

### Packaging

A component + B component = 5 kg set

### Shelf Life

12 months in original, unopened package.

### Storage

Store in dry area between +5°C and +35°C. Protect from heat, freezing and direct sunlight.

### Cleanup Information

Clean tools and equipment with industrial type solvents immediately after use. Dried material can only be removed mechanically.

### Cautions / Limitations

- Do not smoke, fire and use sparkle tools during the application.

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- It may be harmful with skin contact.
- Do not apply in freezing conditions or during precipitation.
- Protect applied materials from rain, freezing, foot traffic and continuous high humidity until completely dry.
- Do not use when air and surface temperatures are below +5°C and above +35°C.
- Avoid heavy traffic for 24 hours.

### Health and Safety

**Warning!** Cause eye and skin irritation. If eye or skin contact, get immediate medical attention. If swallowed, do not induce vomiting. Call a physician or poison control center. Never give anything by mouth to an unconscious person.

Wash hands thoroughly after handling. Wear protective clothing, gloves, eye and face protection. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash it before reuse. Dispose of unused, contents, container and other contaminated wastes in accordance with local, state, federal and provincial regulations.

Keep container closed when not in use. Keep out of the reach of children.

**Limited Warranty:** This product is subject to a written limited warranty which can be obtained free of charge from BAUMERK Company. Please contact with technical service department for further information and support.